

ABSTRACT OF THE DISCLOSURE

A mover device and an ion implanter apparatus having a processing base that reciprocates at a high speed without undesirable noise and vibration are provided. The mover device includes:
5 a fixed base; a movable base that is linearly movable with respect to the fixed base; a processing base that is linearly movable with respect to the movable base; a main linear motor that generates a
10 moving force to move the processing base with respect to the movable base, thereby moving the processing base with respect to the fixed base; and a velocity control unit that controls the moving
15 velocity of the processing base with respect to the fixed base. In this mover device, the movable base is moved by virtue of a reaction force caused by the moving force to move the processing base.